



Docket No.: VLSI-3410 (PHAB1214)

#092741  
#0942701  
264101  
Patent  
ID 8/1/99

# Information Disclosure Statement Transmittal

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Commissioner of Patents and Trademarks, Washington, D.C., 20231, on the below date of deposit.			
Date of Deposit:	4/19/01	Name of Person Making the Deposit:	Karen Yarr
		Signature of the Person Making the Deposit:	Karen Yarr

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Reagan

Serial No.: 09/322,259

Group Art Unit: 2741

Filed: 5/28/99

Examiner: Fletcher, L.

Title: IMPROVED VOCODER METHOD

The Commissioner of Patents and Trademarks

Washington, D.C. 20231

Sir:

### Information Disclosure Statement Transmittal

Transmitted herewith is the following:

- ..... Formal drawings, totaling ..... sheets.
- ..... Informal drawings, totaling ..... sheets.
- ..... Certification for PTO Consideration
- ☒ Information Disclosure statement ( 1 sheets)
- ..... Information Disclosure statement and late filing fee
- ☒ Form 1449
- ..... Petition for Extension of Time
- ..... Other: .....

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Fee Calculation (for other than a small entity)					
Fee Items				Fee Rate	Total
Petition for Extension of Time (fee calculated elsewhere)				\$ .00	0.00
Information Disclosure Statement, late filing				\$240.00	0.00
Other:					
Total Fees					0.00

## PAYMENT OF FEES

1. The full fee due in connection with this communication is provided as follows:
  - [ ] The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085.  
A duplicate copy of this authorization is enclosed.
  - [ ] A check in the amount of \$
  - [ X ] Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

Please direct all correspondence concerning the above-identified application to the following address:

**WAGNER, MURABITO & HAO LLP**  
Two North Market Street, Third Floor  
San Jose, California 95113  
(408) 938-9060

Respectfully submitted,

Date: \_\_\_\_\_

4/19/01

By: \_\_\_\_\_

John P. Wagner, Jr.  
Reg. No. 35,398



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: VLSI-3410 (PHA51214)

Inventor(s): Reagan

Serial No.: 09/322,259

Group Art Unit: 2741

Filed: 5/28/99

Examiner: Fletcher, L.

Title: IMPROVED VOCODER METHOD

The Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Information Disclosure Statement Submitted Pursuant to 37 C.F.R. 1.97(b)

The citations referenced herein, copies attached, may be material to the examination of the above-identified application and are, therefore, submitted in compliance with the duty of disclosure as defined in 37 C.F.R. 1.56. The Examiner is requested to make these citations of official record in the application.

This Information Disclosure Statement submitted in accordance with 37 C.F.R. 1.97(b) is not to be construed as a representation that a search has been made, that additional items material to the examination of this application do not exist, or that any one or more of these citations constitute prior art under 35 U.S.C. 102.

The Examiner's attention is respectfully directed to the following U.S. Patents:

<u>Pat. No.</u>	<u>Pat. Title</u>	<u>Grant Date</u>
5,060,269	HYBRID SWITCHED MULTI-PULSE/STOCHASTIC SPEECH CODING TECHNIQUE	10/22/91

**Foreign Patent or Published Foreign Patent Application**

EPO 660301A1	REMOVAL OF SWIRL ARTIFACTS FROM CELP BASED SPEECH CODERS	6/28/95
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**Other Documents**

"Enhanced Variable Rate Codec, Speech Service Option 3 for Wideband Spread Spectrum Digital Systems" Enhanced Variable Rate Codec, Speech Service Option 3 for Wideband Spread Spectrum Digital Systems, 9 September 1996 (1996-09-09), pages A, I-XIV, 101-104, 201, 209, 301 - 3, XP002912397  
\*section "4.3.1 Estimating the Data Rate Based on Current Signal Parameters"

Kwon S Y et al: "A High Quality Bi-Celp Speech Coder at 8 kbit/s and Below" 1997 IEEE International Conference on Acoustics, Speech and Signal Processing (Cat. No. 97CB.36052), Munich, Germany, 21-24 April 1997, pages 759-762 vol. 2 XP000822558 1997, Los Alamitos, CA, USA, IEEE Comput. Soc. Press, USA. ISBN: 0-8186-7919-0 abstract page 759, left-hand column, line 36 -right-hand column, line 6

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